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# Standard Notes

Design Manual

Chapter 1

General Information

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This section lists the standard notes available to designers and their appropriate use.

## Roadside Development (230's)

### [231-1](#) Planting

This note is specific to rest area construction projects. Including this note in the plans notifies contractors they are not to damage plantings or landscaping.

### [231-2](#) Herbicide

This note applies to projects requiring herbicide use.

### [232-3A](#) Erosion Control (Rural Seeding)

This note applies only to projects involving less than 1 acre of seeding, fertilizing, and mulching. This note is typically used for projects in rural areas involving seeding within 8 feet adjacent to the shoulder. This type of seeding is commonly associated with guardrail retrofit projects, culvert projects, or resurfacing projects where very little area is disturbed.

### [232-3B](#) Erosion Control (Urban Seeding)

This note applies only to projects involving less than 1 acre of seeding, fertilizing, and mulching. This note is typically used for projects where a lawn-type seeding is desirable, e.g. in urban areas adjacent to businesses or residences, or in front of rural residences if they maintain the right of way like their yard.

**Note:** Urban seeding, fertilizing, and mulching greater than ¼ acre should not be considered incidental and bid items should be provided.

### [232-3C](#) Erosion Control (Native Grass Seeding)

This note applies only to projects involving less than 1 acre of seeding, fertilizing, and mulching. This note is typically used for projects in rural areas (with or without a 404 permit) that require seeding with Native grasses to all disturbed areas 8 feet beyond the shoulder. This type of seeding is commonly used with projects involving wetland areas. If the area within 8 feet of the shoulder is also disturbed, Standard Note [232-3A](#) (Rural Seeding) may also be required.

### [232-7](#) Erosion Control (Salvage and Removal Projects)

This note applies only to projects involving less than 1 acre of seeding, fertilizing, and mulching. This note is included in the plans when buildings or structures are being removed as part of a demolition project.

### [232-10](#) Emerald Ash Borer

This note is included in all projects that have a clearing and grubbing bid item. It is not limited to projects located in the quarantined areas.

### [232-11](#) Erosion Control (Stabilizing Crop Seeding)

This note applies only to projects involving less than 1 acre of seeding, fertilizing, mulching. This note is typically included in the plans for bridge and culvert projects where accompanying grading and paving projects may be completed at a later date.

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## Roadway Traffic (250's)

### **252-1 Detours and Median Crossings**

This note is included in projects that require contractors to construct detours to maintain access to property.

### **253-1 Median Crossover**

This note is included in projects to indicate to contractors they are not allowed to use median crossovers except where indicated in the plans.

### **254-1 Incident Management**

This note informs contractors that the District Office will provide an incident management plan at the pre-construction conference. This note is typically used for projects involving two-lane, two-way operation.

### **259-1 Signing Notes**

This note is typically used by The Office of Traffic and Safety for signing projects and is included in the plans to provide contractors sign installation and removal information.

## Utilities, Railroads, Access Control (260's)

### **262-3 Road Weather Information System**

Including this note in the plans notifies contractors Road Weather Information System (RWIS) installations are located within the project's construction limits. This note provides contractors with contact and other information. The following link provides a map of RWIS locations:

<http://weatherview.iowadot.gov/>

### **262-4 Automatic Traffic Recorder**

Including this note in the plans notifies contractors Automatic Traffic Recorder (ATR) installations are located within the project's construction limits. This note provides contractors with contact and other information. The following link provides maps of ATR locations: <http://www.iowadot.gov/maps/Digital-maps/Other-maps/ATR-location-maps>.

### **262-5 Utilities (Point 25 Project)**

Including this note in the plans notifies contractors IAC 761-115.25 applies to a project. Article [1107.25](#) of the Standard Specifications contains more information regarding Point 25 projects.

**Note:** Once the Utility Coordinator has updated PSS, it will automatically drop this note into the Utility Legend. When this note is included in the Utility Legend, it does not need to be included in the C sheets.

### **262-6 Utilities (Not a Point 25 Project)**

Including this note in the plans notifies contractors IAC 761-115.25 does not apply to a project.

**Note:** Once the Utility Coordinator has updated PSS, it will automatically drop this note into the utility legend. When this note is included in the Utility Legend, it does not need to be included in the C sheets.

## Demolition (270's)

### **271-1 Demolition (Estimated Backfill)**

Provides contractors with estimate of backfill related to demolition.

### **271-2 Demolition (Tree Removal)**

Informs contractors they are allowed to remove only those trees associated with the removal of buildings, debris, or materials.

### **271-4 Demolition (Buildings)**

Provides instructions to contractors regarding removal and demolition of basements.

### **271-9 Demolition (Bridge Removal)**

Provides information to contractors regarding the possible presence of chromium and lead in a bridge to be demolished.

## **Environmental (280's)**

### **281-1 Section 404 Permit and Conditions**

This note should be included in the plans for all projects that are authorized by a Section 404 permit. This note will indicate the permit type and will usually include the specific number of the permit authorizing the work and where the permit will be available. Fill in the first blank with the type of permit (e.g. Individual, Nationwide Permit (NWP) No. [3, 6, 14, 33, etc.], Regional Permit 7, etc.). Fill in the second blank with the specific number (e.g. 2012-111) of the issued permit, which can be found on the 404 Clearance Memo sent out by OLE. In some instances, approvals are automatically granted under NWP 3 (maintenance). In these cases, word "Nationwide" should be in the first blank and the number "3" should be in the second blank. This note also states that the Corps of Engineers can visit the site without prior notice. The information for this note can be obtained from OLE's 404 permit clearance memo, as well as from the Project Scheduling System or ERMS.

### **281-2 Individual Storm Water Permit**

Include this note in projects which will impact Outstanding Iowa Waters (OIW) watersheds. See Section [10D-1](#).

### **281-3 Storm Water Detention Best Practice**

Include this note when storm water detention is not available without adversely affecting property owners. See Section [10C-5](#) for more information regarding temporary sediment control in urban areas.

### **281-6 Topeka Shiner Watersheds**

OLE will request this note be included in the plans if the project is within a specific watershed or stream that may have Topeka shiners present. This note indicates Article [1107.18, B, 3](#) of the Standard Specifications applies. When requested by OLE, bid items such as Floating Silt Curtain (Containment) should also be included in the plans. OLE will coordinate with the Offices of Design and Bridges & Structures, and/or Districts, for inclusion of this note on a project-by-project basis early in the development phase of the project.

### **282-1 Restricted Stream Access**

OLE will request this note to be included in the plans if the project has special environmental conditions that prevent temporary or permanent access to a stream, or restrict items that can be dropped into a stream (e.g., no [EW-401](#) structure or no dropping deck material into a stream during bridge removal). When this note is included, temporary access to the stream and bank disturbance are not allowed under any circumstances. The note is typically used for specially designated streams or rivers. Designers should discuss the need for stream access with the Offices of Bridges & Structures, Construction, and Location and Environment to ensure that a project is constructible without accessing the stream. If access is absolutely necessary to construct the project, temporary bridges should be specified in the plans, including the locations of temporary piers.

### **282-2 Dredging**

This note is included in plans when DOT has determined that dredging within a stream/river is not allowed, due to environmental or other concerns. Typically, the Office of Bridges & Structures or OLE will notify other offices that dredging is not allowed. The note is intended to notify the contractor that dredging is not allowed within the stream/river under any circumstances and that the contractor is not to seek authorization for dredging of the stream/river for any part of the project.



Standard Note 282-2 is not intended to address specific types of dredging, cofferdam excavation, etc.

### **282-3 Temporary Stream Crossing, Causeway, or Equipment Pad**

This note is included on every plan that involves temporary stream access authorized by a Section 404 permit, but does not require contractors to use [EW-401](#). It notifies contractors EW-401 is included for information purposes only and no quantities associated with constructing the EW-401 are included. Refer to Section [2547](#) of the Standard Specifications for more information pertaining to temporary stream access. Refer to Section [1E-6](#) for designer guidance related to EW-401.

## **Miscellaneous (290s)**

### **290-1 Sidewalk Constraints**

This note is included in plans that contain pictures for ADA compliance S sheets in order to provide contractors with the limits for each piece of the sidewalk components.

### **290-2 Small Quantity Concrete Testing**

This note is included with projects that address ADA compliance for sidewalks. Projects of this nature may not include large enough quantities of PCC to meet the minimum quantities for testing frequency requirements. This note provides testing frequency and opening time requirements.



Do not place this note on Federal Aid projects.

# Chronology of Changes to Design Manual Section: 001E-009 Standard Notes

|            |   |
|------------|---|
| 11/16/2017 | Revised<br>Added information for Standard Note 282-3.   |
| 5/9/2017   | Revised<br>Added guidance for Standard Note 281-3. Revised guidance to Standard Note 281-6 as a result of much of the information in the Standard Note going to Article 1107.18, B, 3 of the Standard Specifications. Added guidance to Standard Note 290-2 not to use on Federal aid projects. |
| 11/16/2016 | Revised<br>Standard Note 213-3 went to Article 1105.17 of the Standard Specifications.<br>Standard Note 213-4 went to Article 1105.18 of the Standard Specifications.<br>Standard Notes 232-4 and 232-6 went to Article 1104.09 of the Standard Specifications.                                 |
| 1/22/2015  | Revised<br>Standard Note 232-9 has been voided. It is now covered in the Standard Specifications. Changed values for stripping and placing in 213-4 to comply with recent changes to the standard note.   |
| 5/15/2014  | Revised<br>Added information to 231-3A, 232-3B, 232-3C, 232-7, and 232-11 previously contained in Section 10B-1. Updated information regarding the use of 232-9.  |
| 1/15/2014  | Revised<br>Added information for Standard Notes 213-3, 213-4, and 232-10. Standard Note 232-3D has been voided.   |
| 7/18/2013  | NEW<br>NEW  |